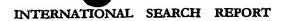
INTERNATIONAL SEARCH REPORT

International application No. PCT/US02/12576

A. CLASSIFICATION OF SUBJECT MATTER IPC(7) :Please See Extra Sheet. US CL :47/1.4; 435/29, 34, 41, 252.1, 257.1, 257.6, 287.5, 288.7, 303.2 According to International Patent Classification (IPC) or to both national classification and IPC			
B. FIELDS SEARCHED			
Minimum documentation searched (classification system followed by classification symbols)			
U.S. : 47/1.4; 435/29, 34, 41, 252.1, 257.1, 257.6, 287.5, 288.7, 303.2			
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched			
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) HCAPLUS, WEST, WPIX			
C. DOCUMENTS CONSIDERED TO BE RELEVANT			
Category*	Citation of document, with indication, where appropriate, of the relevant passages		Relevant to claim No.
A,T	US 6,410,258 B1 (MCTAVISH) 25 June 2002.		1-16
A,P	US 2001/0053543 A1 (ANASTASIOS et al.) 20 December 2001.		1-16
A	BOICHENKO, V. et al. Simultaneous Measurements of Fluorescence Induction and Light-Induced Hydrogen Evolution in Chorella. Biofizika 1983, 28(6)976-9.		1-16
A	SERODIO, J. et al. Relationship Between Chlorophyll Fluorescence Quenching and O ₂ Evolution in Microalgae. Photosynthesis: Mechanisms and Effects. Vol. V, 4109-4112, Kluwer Academic Publishers, August 17-22, 1998 presented.		1-16
Further documents are listed in the continuation of Box C. See patent family annex.			
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "A" document defining the general state of the art which is not considered to be of particular relevance		ication but cited to understand	
"E" carlier document published on or after the international filing date document of particular descriptions of particular descriptions of the considered novel of th		"X" document of particular relevance; the considered novel or cannot be consider	e claimed invention cannot be ed to involve an inventive step
"L" document which may throw doubts on priority claim(a) or which is cited to establish the publication date of another citation or other		when the document is taken alone 'Y' document of particular relevance: the claimed invention cannot be	
special reason (as specified) "O" document referring to an oral disolosure, use, exhibition or other means		"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art	
"P" document published prior to the international filing date but later "ge" document member of the same patent fa		family	
Date of the actual completion of the international search 13 AUGUST 2002 Date of mailing of the international search 1 2 SEP 20			
Commissioner of Patents and Trademarks Box PCT Washington, D.C. 20231		RALPH GITOMER Telephone No. (706) 808 1085	
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A. CLASSIFICATION OF SUBJECT MATTER: IPC (7):			
A01G 7/00; C12M 1/00, 1/34; C12N 1/12; C12P 1/00, 3/00; C12Q 1/02, 1/04			
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